

AVIATION AND NAVIGATION LIGHTING FIXTURE SCHEDULE		
Type	Description	Remarks
AV-1	Main Tower Marker Light FAA L-864, medium intensity, flashing, red, obstruction light. The light shall consist of a red lantern with six marine signal lamps controlled by a six-place microprocessor lamp changer. The flashing shall be at a rate of 20 flashes per minute. Input power shall be 480 VAC, single phase and be input to a transder.	
AV-2	Main Cable Marker Light FAA L-810, steady, red, obstruction light. The light shall consist of a red lantern with four marine signal lamps controlled by a four-place microprocessor lamp changer. Incoming power shall be 480 VAC, single phase and shall be input to a transformer.	
NV-1	Main Channel Marker Navigation Light shall consist of a green lantern with a 360-degree horizontal arc, with six marine signal lamps controlled by a six-place microprocessor lamp changer. Incoming power shall be 120 VAC, single phase and shall be input to a transformer. The rectified output shall be at 12 VDC to power the lamps. The housing shall be corrosion-resistant and gasketed.	
NV-2	Channel Marker Navigation Light shall consist of a green lantern with a 360-degree horizontal arc, with six marine signal lamps controlled by a six-place microprocessor lamp changer. Incoming power shall be 120 VAC, single phase and shall be input to a transformer. The rectified output shall be at 12 VDC to power the lamps. The housing shall be corrosion-resistant and gasketed.	Not used in this contract.
NV-3	Navigation Pier Marker Light Consists of one (1) red signal lantern that show through a horizontal arc of 180 degrees controlled by four-place lampchanger. The housing shall be corrosion resistant and gasketed. Includes 120 V input power to transformer, and rectifier output to operate the lamps at 12 V DC. All lights shall conform to the latest provisions of Title 33 CFR Chapter 1, Section 118.60.	
NV-4	Red in color, with 360 degree visibility. Pharos Marine/Automatic Power FA-249 LED Bridge Lantern, 120VAC, with 3x4 LED Array, or approved equivalent.	To mark reduced vertical clearance under OBG Travelers.



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST No	SHEET TOTAL SHEETS
04	SF	80	13.2/13.9	295 R3	1204

Jens Erlingsson

12/19/02

REGISTERED ELECTRICAL ENGINEER DATE

12-6-04

PLANS APPROVAL DATE

PB POWER, Inc.  
A Parsons Brinckerhoff Company  
303 Second St., Suite 700N  
San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER

JENS ERLINGSSON

No. 8249

Exp. 9/30/06

ELECTRICAL

STATE OF CALIFORNIA

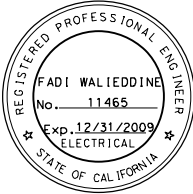
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

Caltrans now has a web site! To get to the web site, go to <http://www.dot.ca.gov>



Syn Yee Chin  
FOR REVISION ONLY

2 3



Fadi Walieddine  
FOR REVISION ONLY

1

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
3	10/15/10	TRAVELER MODIFICATIONS	NK	RG	137
2	08/13/10	TRAVELER MODIFICATIONS	TW	RG	137
1	04/10/09	ELECTRICAL WARNING SYSTEMS	RY	RG	61
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

DETAILS  
NAVIGATION AND AVIATION WARNING SYSTEMS  
LIGHTING FIXTURE SCHEDULE  
NO SCALE